

ABSTRACT

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An inductively-coupled, electrodeless fluorescent lamp comprises a lamp body having two opposed sides; an induction coil on one side of said body; and a magnetically transparent electrostatic shield interposed between said induction coil and said one side of said body, said shield comprising an insulating substrate; an electrically conductive layer on said substrate including means for reducing capacitive coupling between a voltage on said induction coil and a plasma discharge within said lamp body, said electrically conductive layer having a thickness between 400 Å and 1000 Å, inclusive.

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